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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 43	Feb 13	CANCERLIT is no longer being updated
NEWS 44	Feb 24	METADEX enhancements
NEWS 45	Feb 24	PCTGEN now available on STN
NEWS 46	Feb 24	TEMA now available on STN

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 NEWS 47  Feb 26  NTIS now allows simultaneous left and right truncation
 NEWS 48  Feb 26  PCTFULL now contains images
 NEWS 49  Mar 04  SDI PACKAGE for monthly delivery of multifile SDI results

 NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
               CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
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FILE 'HOME' ENTERED AT 16:21:39 ON 13 MAR 2003

=> file medline, cancerlit, biosis, confsci, scisearch, caplus, embase, uspatfull,
pctfull
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.42       0.42

FILE 'MEDLINE' ENTERED AT 16:22:36 ON 13 MAR 2003

FILE 'CANCERLIT' ENTERED AT 16:22:36 ON 13 MAR 2003

FILE 'BIOSIS' ENTERED AT 16:22:36 ON 13 MAR 2003
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FILE 'PCTFULL' ENTERED AT 16:22:36 ON 13 MAR 2003
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=> s gpnmb
L1          24 GPNMB
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=> dup rem l1
PROCESSING COMPLETED FOR L1
L2            16 DUP REM L1 (8 DUPLICATES REMOVED)

=> d 1-16

L2     ANSWER 1 OF 16    PCTFULL   COPYRIGHT 2003 Univentio
AN     2003004528 PCTFULL  ED 20030122  EW 200303
TIEN   HUMAN G PROTEIN-COUPLED RECEPTORS AND USES THEREOF
TIFR   RECEPTEURS COUPLES A LA PROTEINE G HUMAINE ET LEURS UTILISATIONS
IN     WATTLER, Frank, Bennostrasse 11A, 82131 Stockdorf, DE [DE, DE];
       WATTLER, Sigrid, Bennostrasse 11A, Stockdorf 82131, DE [DE, DE];
       TROMMLER, Paul, Randeckstrasse 4, Muenchen 81375, DE [DE, DE];
       NEHLS, Michael, C., Paul-Keller-Strasse 6, Stockdorf 82131, DE [DE, DE]
PA     INGENIUM PHARMACEUTICALS AG, Fraunhofer Strasse 13, 82152 Martinsried,
       DE [DE, DE], for all designates States except US;
       WATTLER, Frank, Bennostrasse 11A, 82131 Stockdorf, DE [DE, DE], for US
       only;
       WATTLER, Sigrid, Bennostrasse 11A, Stockdorf 82131, DE [DE, DE], for US
       only;
       TROMMLER, Paul, Randeckstrasse 4, Muenchen 81375, DE [DE, DE], for US
       only;
       NEHLS, Michael, C., Paul-Keller-Strasse 6, Stockdorf 82131, DE [DE, DE],
       for US only
AG     DP-MP DOERRIES FRANK-MOLNIA & POHLMAN, Triftstr. 13, 80538 Muenchen, DE
LAF    English
LA     English
DT     Patent
PI     WO 2003004528        A1 20030116
DS     W:          AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
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                   NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ
                   UA UG US UZ VN YU ZA ZM ZW
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       RW (EAPO):  AM AZ BY KG KZ MD RU TJ TM
       RW (EPO):   AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
       RW (OAPI):  BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI     WO 2002-EP21         A  20020103
PRAI   EP 2001-PCT/EP01/07530  20010702
ICM    C07K014-705

L2   ANSWER 2 OF 16  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN   2002:111470  BIOSIS
DN   PREV200200111470
TI   Mutations in genes encoding melanosomal proteins cause pigmentary glaucoma
     in DBA/2J mice.
AU   Anderson, Michael G.; Smith, Richard S.; Hawes, Norman L.; Zabaleta,
     Adriana; Chang, Bo; Wiggs, Janey L.; John, Simon W. M. (1)
CS   (1) Howard Hughes Medical Institute, Bar Harbor, ME, 04609: swmj@jax.org
     USA
SO   Nature Genetics, (January, 2002) Vol. 30, No. 1, pp. 81-85.
     http://www.nature.com/ng/. print.
     ISSN: 1061-4036.
DT   Letter
LA   English

L2     ANSWER 3 OF 16    PCTFULL   COPYRIGHT 2003 Univentio
AN     2002057414 PCTFULL  ED 20020801  EW 200230
TIEN   LEUKOCYTE EXPRESSION PROFILING
TIFR   EVALUATION DU NIVEAU D'EXPRESSION LEUCOCYTAIRE
IN     WOHLGEMUTH, Jay, 664 Hamilton Avenue, Palo Alto, CA 94301, US [US, US];
       FRY, Kirk, 2604 Ross Road, Palo Alto, CA 94303, US [US, US];
       MATCUK, George, 141C Escondido Village, Stanford, CA 94305, US [US, US];
       ALTMAN, Peter, 717 Evelyn Avenue, Albany, CA 94706, US [US, US];
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PRENTICE, James, 120 Dolores Street, San Francisco, CA 94103, US [US, US];
PHILLIPS, Julie, 1090 Mirador Terrace, Pacifica, CA 94044, US [US, US];
LY, Ngoc, 2000 Crystal Springs Road 15-14, San Bruno, CA 94066, US [US, US];
WOODWARD, Robert, 1828 Rheem Court, Pleasanton, CA 94588, US [US, US];
QUERTERMOUS, Thomas, 44 El Rey Road, Portola Valley, CA 94028, US [US, US];
JOHNSON, Frances, 44 El Rey Road, Portola Valley, CA 94028, US [US, US]
PA BIOCARDIA, INC., 384 Oyster Point Boulevard, #4, South San Francisco, CA 94080, US [US, US], for all designates States except US;
WOHLGEMUTH, Jay, 664 Hamilton Avenue, Palo Alto, CA 94301, US [US, US], for US only;
FRY, Kirk, 2604 Ross Road, Palo Alto, CA 94303, US [US, US], for US only;
MATCUK, George, 141C Escondido Village, Stanford, CA 94305, US [US, US], for US only;
ALTMAN, Peter, 717 Evelyn Avenue, Albany, CA 94706, US [US, US], for US only;
PRENTICE, James, 120 Dolores Street, San Francisco, CA 94103, US [US, US], for US only;
PHILLIPS, Julie, 1090 Mirador Terrace, Pacifica, CA 94044, US [US, US], for US only;
LY, Ngoc, 2000 Crystal Springs Road 15-14, San Bruno, CA 94066, US [US, US], for US only;
WOODWARD, Robert, 1828 Rheem Court, Pleasanton, CA 94588, US [US, US], for US only;
QUERTERMOUS, Thomas, 44 El Rey Road, Portola Valley, CA 94028, US [US, US], for US only;
JOHNSON, Frances, 44 El Rey Road, Portola Valley, CA 94028, US [US, US], for US only
AG WARD, Michael, R., Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482, US
LAF English
LA English
DT Patent
PI WO 2002057414 A2 20020725
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
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US UZ VN YU ZA ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI WO 2001-US47856 A 20011022
PRAI US 2000-60/241,994 20001020
US 2001-60/296,764 20010608

L2 ANSWER 4 OF 16 MEDLINE DUPLICATE 1
AN 2002421326 MEDLINE
DN 22165598 PubMed ID: 12176896
TI Identification of the genes differentially expressed in human dendritic cell subsets by cDNA subtraction and microarray analysis.
AU Ahn Jung Hoon; Lee Yoon; Jeon ChoonJu; Lee Sang-Jin; Lee Byung-Hak; Choi Kang Duk; Bae Yong-Soo
CS Creagene Research Institute, Creagene, Tanbang-dong, Seo-gu, South Korea.
SO BLOOD, (2002 Sep 1) 100 (5) 1742-54.
Journal code: 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200209

ED Entered STN: 20020815
Last Updated on STN: 20020914
Entered Medline: 20020913

L2 ANSWER 5 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:394668 BIOSIS
DN PREV200200394668
TI Increased expression of glycoprotein nmb (**gpnmb**) in human malignant gliomas: A novel target in immune-based therapy.
AU Wakiya, Kenji (1); Kuan, Chien-Tsun (1); Riggins, Gregory J. (1); Stenzel, Timothy T. (1); Wikstrand, Carol J. (1); Bigner, Darell D. (1)
CS (1) Duke University Medical Center, Durham, NC USA
SO Proceedings of the American Association for Cancer Research Annual Meeting, (March, 2002) Vol. 43, pp. 277. print.
Meeting Info.: 93rd Annual Meeting of the American Association for Cancer Research San Francisco, California, USA April 06-10, 2002
ISSN: 0197-016X.
DT Conference
LA English

L2 ANSWER 6 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
AN 2003:58969 BIOSIS
DN PREV200300058969
TI mRNA expression of the murine glycoprotein (transmembrane) NMB (**Gpnmb**) gene is linked to the developing retinal pigment epithelium and iris.
AU Baechner, Dietmar (1); Schroeder, Dietmar; Gross, Gerhard
CS (1) Klinische Neurobiologie, Institut fuer Zellbiochemie, Universitaet Hamburg, Martinistrasse 52, 20246, Hamburg, Germany: baechner@uke.uni-hamburg.de Germany
SO Gene Expression Patterns, (October 2002, 2002) Vol. 1, No. 3-4, pp. 159-165. print.
ISSN: 1567-133X.
DT Article
LA English

L2 ANSWER 7 OF 16 MEDLINE DUPLICATE 3
AN 2002004140 MEDLINE
DN 21624590 PubMed ID: 11743578
TI Mutations in genes encoding melanosomal proteins cause pigmentary glaucoma in DBA/2J mice.
AU Anderson Michael G; Smith Richard S; Hawes Norman L; Zabaleta Adriana; Chang Bo; Wiggs Janey L; John Simon W M
CS The Howard Hughes Medical Institute, Bar Harbor, Maine 04609, USA.
SO NATURE GENETICS, (2002 Jan) 30 (1) 81-5.
Journal code: 9216904. ISSN: 1061-4036.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AC006949
EM 200202
ED Entered STN: 20020102
Last Updated on STN: 20020205
Entered Medline: 20020204

L2 ANSWER 8 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:543225 BIOSIS
DN PREV200200543225
TI Using Serial Analysis of Gene Expression to identify tumor markers and antigens.
AU Riggins, G. J. (1)
CS (1) Pathology Department, Duke University Medical Center, Durham, NC: greg.riggins@duke.edu USA

SO International Journal of Cancer Supplement, (2002) No. 13, pp. 54. print.
Meeting Info.: 18th UICC International Cancer Congress Oslo, Norway June 30-July 05, 2002
ISSN: 0898-6924.
DT Conference
LA English

L2 ANSWER 9 OF 16 PCTFULL COPYRIGHT 2003 Univentio
AN 2001057278 PCTFULL ED 20020827
TIEN HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN HELA CELLS OR OTHER HUMAN CERVICAL EPITHELIAL CELLS
TIFR SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES HELA HUMAINES OU D'AUTRES CELLULES EPITHELIALES HUMAINES DU COL DE L'UTERUS
IN PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PA MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DT Patent
PI WO 2001057278 A2 20010809
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI WO 2001-US670 A 20010130
PRAI US 2000-60/180,312 20000204
US 2000-60/207,456 20000526
US 2000-09/608,408 20000630
US 2000-09/632,366 20000803
US 2000-60/234,687 20000921
US 2000-60/236,359 20000927
GB 2000-0024263.6 20001004
ICM C12Q001-68
ICS G06F019-00; C07K014-47

L2 ANSWER 10 OF 16 PCTFULL COPYRIGHT 2003 Univentio
AN 2001057277 PCTFULL ED 20020827
TIEN HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN FETAL LIVER
TIFR SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS LE FOIE FOETAL HUMAIN
IN PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PA MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DT Patent
PI WO 2001057277 A2 20010809
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN

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MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI WO 2001-US669 A 20010130
PRAI US 2000-60/180,312 20000204
US 2000-60/207,456 20000526
US 2000-09/608,408 20000630
US 2000-09/632,366 20000803
US 2000-60/234,687 20000921
US 2000-60/236,359 20000927
GB 2000-0024263.6 20001004
ICM C12Q001-68
ICS C07K014-47; C07H021-04

L2 ANSWER 11 OF 16 PCTFULL COPYRIGHT 2003 Univentio
AN 2001057274 PCTFULL ED 20020827
TIEN HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN HEART
TIFR SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS LE COEUR HUMAIN
IN PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PA AEOMICA, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DT Patent
PI WO 2001057274 A2 20010809
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
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PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI WO 2001-US666 A 20010130
PRAI US 2000-60/180,312 20000204
US 2000-60/207,456 20000526
US 2000-09/608,408 20000630
US 2000-09/632,366 20000803
US 2000-60/234,687 20000921
US 2000-60/236,359 20000927
GB 2000-0024263.6 20001004
ICM C12Q001-68
ICS G06G019-00; C07K014-47

L2 ANSWER 12 OF 16 PCTFULL COPYRIGHT 2003 Univentio
AN 2001057273 PCTFULL ED 20020827
TIEN HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN ADULT LIVER
TIFR SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS LE FOIE ADULTE HUMAIN
IN PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PA AEOMICA, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DT Patent

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PI     WO 2001057273        A2 20010809
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                   MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
                   PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
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PRAI   US 2000-60/180,312      20000204
       US 2000-60/207,456      20000526
       US 2000-09/608,408      20000630
       US 2000-09/632,366      20000803
       US 2000-60/234,687      20000921
       US 2000-60/236,359      20000927
       GB 2000-0024263.6       20001004
ICM    C12Q001-68
ICS    G06F019-00; C07K014-47

L2     ANSWER 13 OF 16   PCTFULL   COPYRIGHT 2003 Univentio
AN     2001057272 PCTFULL  ED 20020827
TIEN   HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS
       OF GENE EXPRESSION IN HUMAN PLACENTA
TIFR   SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES
       POUR ANALYSER L'EXPRESSION GENIQUE DANS LE PLACENTA HUMAIN
IN     PENN, Sharron, G.;
       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
PA     MOLECULAR DYNAMICS, INC.;
       PENN, Sharron, G.;
       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
DT     Patent
PI     WO 2001057272        A2 20010809
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                   PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
                   YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
                   MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
                   PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
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PRAI   US 2000-60/180,312      20000204
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       US 2000-09/608,408      20000630
       US 2000-09/632,366      20000803
       US 2000-60/234,687      20000921
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       GB 2000-0024263.6       20001004
ICM    C12Q001-68

L2     ANSWER 14 OF 16   PCTFULL   COPYRIGHT 2003 Univentio
AN     2001057271 PCTFULL  ED 20020827
TIEN   HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS
       OF GENE EXPRESSION IN HUMAN BREAST AND BT 474 CELLS
TIFR   SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES
       POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES BT 474
IN     PENN, Sharron, G.;
       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
PA     AEROMICA, INC.;
       PENN, Sharron, G.;
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       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
DT     Patent
PI     WO 2001057271        A2 20010809
DS     W:          AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
                   DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
                   KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
                   PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
                   YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
                   MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
                   PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI     WO 2001-US662        A  20010130
PRAI   US 2000-60/180,312       20000204
       US 2000-60/207,456       20000526
       US 2000-09/608,408       20000630
       US 2000-09/632,366       20000803
       US 2000-60/234,687       20000921
       US 2000-60/236,359       20000927
       GB 2000-0024263.6        20001004
ICM    C12Q001-68
ICS    C07H021-04; C07K014-47

L2     ANSWER 15 OF 16   PCTFULL   COPYRIGHT 2003 Univentio
AN     2001057270 PCTFULL  ED 20020827
TIEN   HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS
       OF GENE EXPRESSION IN HUMAN BREAST AND HBL 100 CELLS
TIFR   SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES
       POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES HBL 100
IN     PENN, Sharron, G.;
       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
PA     MOLECULAR DYNAMICS, INC.;
       PENN, Sharron, G.;
       HANZEL, David, K.;
       CHEN, Wensheng;
       RANK, David, R.
DT     Patent
PI     WO 2001057270        A2 20010809
DS     W:          AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
                   DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
                   KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
                   PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN
                   YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ
                   MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
                   PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI     WO 2001-US661        A  20010129
PRAI   US 2000-60/180,312       20000204
       US 2000-60/207,456       20000526
       US 2000-09/608,408       20000630
       US 2000-09/632,366       20000803
       US 2000-60/234,687       20000921
       US 2000-60/236,359       20000927
       GB 2000-0024263.6        20001004
ICM    C12Q001-68
ICS    G06F019-00; C07K014-47

L2     ANSWER 16 OF 16  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN     2001:307604  BIOSIS
DN     PREV200100307604
TI     Identification of genes responsible for bone differentiation from human
       bone marrow derived multipotent adult stem cells (MASC.
AU     Qi, Huilin (1); Aguiar, Dean (1); Verfaillie, Catherine M. (1)
CS     (1) Stem Cell Institute, Univ. of Minnesota, Minneapolis, MN USA
```

SO Blood, (November 16, 2000) Vol. 96, No. 11 Part 1, pp. 70a-71a. print.
Meeting Info.: 42nd Annual Meeting of the American Society of Hematology San Francisco, California, USA December 01-05, 2000 American Society of Hematology
. ISSN: 0006-4971.
DT Conference
LA English
SL English

=> d his

(FILE 'HOME' ENTERED AT 16:21:39 ON 13 MAR 2003)

FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, SCISEARCH, CAPLUS, EMBASE, USPATFULL, PCTFULL' ENTERED AT 16:22:36 ON 13 MAR 2003
L1 24 S GPNMB
L2 16 DUP REM L1 (8 DUPLICATES REMOVED)

=> s l2 and conjugate or fusion
L3 735167 L2 AND CONJUGATE OR FUSION

=> s l2 and conjugat?
L4 9 L2 AND CONJUGAT?

=> d 1-9 kwic ibib

L4 ANSWER 1 OF 9 PCTFULL COPYRIGHT 2003 Univentio

DETD . . . plus rapid screening by
fluorescent-PCR expression comparison (F-PEC) in GBM. Several candidate tumour markers were identified (Sec61 gamma, NNMT, ABCC3, NMB, ANXA1, SPARC, **GPNMB**; Troy Loging et al., Genome Research 2000,10(9):1393-1402).
. .
(mAbs), humanized or chimeric antibodies, single chain antibodies, anti-idiotypic (anti-Id) antibodies, including Fab fragments. The
antibodies may be generated and purified, or **conjugated** according to methods well
known in the art. See for example Harlow E and Lane D, 1988, Antibodies: A
Laboratory Manual, Cold. . .
. .
(mAbs), humanized or chimeric antibodies, single chain antibodies, anti-idiotypic (anti-Id) antibodies, including Fab fragments. The
antibodies may be generated and purified, or **conjugated** according to methods well
known in the art. (See above)
In a ftirther embodiment, the antibodies of the invention may be used,.
. .
ACCESSION NUMBER: 2003004528 PCTFULL ED 20030122 EW 200303
TITLE (ENGLISH): HUMAN G PROTEIN-COUPLED RECEPTORS AND USES THEREOF
TITLE (FRENCH): RECEPTEURS COUPLES A LA PROTEINE G HUMAINE ET LEURS UTILISATIONS
INVENTOR(S): WATTLER, Frank, Bennostrasse 11A, 82131 Stockdorf, DE [DE, DE];
WATTLER, Sigrid, Bennostrasse 11A, Stockdorf 82131, DE [DE, DE];
TROMMLER, Paul, Randeckstrasse 4, Muenchen 81375, DE [DE, DE];
NEHLS, Michael, C., Paul-Keller-Strasse 6, Stockdorf 82131, DE [DE, DE]
PATENT ASSIGNEE(S): INGENIUM PHARMACEUTICALS AG, Fraunhofer Strasse 13,

82152 Martinsried, DE [DE, DE], for all designates States except US;
WATTLER, Frank, Bennostrasse 11A, 82131 Stockdorf, DE [DE, DE], for US only;
WATTLER, Sigrid, Bennostrasse 11A, Stockdorf 82131, DE [DE, DE], for US only;
TROMMLER, Paul, Randeckstrasse 4, Muenchen 81375, DE [DE, DE], for US only;
NEHLS, Michael, C., Paul-Keller-Strasse 6, Stockdorf 82131, DE [DE, DE], for US only

AGENT: DF-MP DOeRRIES FRANK-MOLNIA & POHLMAN$, Triftstr. 13, 80538 Muenchen$, DE
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2003004528	A1	20030116

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.: WO 2002-EP21 A 20020103
PRIORITY INFO.: EP 2001-PCT/EP01/07530 20010702

L4 ANSWER 2 OF 9 PCTFULL COPYRIGHT 2003 Univentio
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
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**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

ACCESSION NUMBER: 2002057414 PCTFULL ED 20020801 EW 200230
TITLE (ENGLISH): LEUKOCYTE EXPRESSION PROFILING
TITLE (FRENCH): EVALUATION DU NIVEAU D'EXPRESSION LEUCOCYTAIRE
INVENTOR(S): WOHLGEMUTH, Jay, 664 Hamilton Avenue, Palo Alto, CA 94301, US [US, US];
FRY, Kirk, 2604 Ross Road, Palo Alto, CA 94303, US [US, US];
MATCUK, George, 141C Escondido Village, Stanford, CA 94305, US [US, US];
ALTMAN, Peter, 717 Evelyn Avenue, Albany, CA 94706, US [US, US];
PRENTICE, James, 120 Dolores Street, San Francisco, CA 94103, US [US, US];

PHILLIPS, Julie, 1090 Mirador Terrace, Pacifica, CA 94044, US [US, US];
LY, Ngoc, 2000 Crystal Springs Road 15-14, San Bruno, CA 94066, US [US, US];
WOODWARD, Robert, 1828 Rheem Court, Pleasanton, CA 94588, US [US, US];
QUERTERMOUS, Thomas, 44 El Rey Road, Portola Valley, CA 94028, US [US, US];
JOHNSON, Frances, 44 El Rey Road, Portola Valley, CA 94028, US [US, US]

PATENT ASSIGNEE(S): BIOCARDIA, INC., 384 Oyster Point Boulevard, #4, South San Francisco, CA 94080, US [US, US], for all designates States except US;
WOHLGEMUTH, Jay, 664 Hamilton Avenue, Palo Alto, CA 94301, US [US, US], for US only;
FRY, Kirk, 2604 Ross Road, Palo Alto, CA 94303, US [US, US], for US only;
MATCUK, George, 141C Escondido Village, Stanford, CA 94305, US [US, US], for US only;
ALTMAN, Peter, 717 Evelyn Avenue, Albany, CA 94706, US [US, US], for US only;
PRENTICE, James, 120 Dolores Street, San Francisco, CA 94103, US [US, US], for US only;
PHILLIPS, Julie, 1090 Mirador Terrace, Pacifica, CA 94044, US [US, US], for US only;
LY, Ngoc, 2000 Crystal Springs Road 15-14, San Bruno, CA 94066, US [US, US], for US only;
WOODWARD, Robert, 1828 Rheem Court, Pleasanton, CA 94588, US [US, US], for US only;
QUERTERMOUS, Thomas, 44 El Rey Road, Portola Valley, CA 94028, US [US, US], for US only;
JOHNSON, Frances, 44 El Rey Road, Portola Valley, CA 94028, US [US, US], for US only

AGENT: WARD, Michael, R.$, Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482$, US

LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002057414	A2	20020725

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US47856 A 20011022
PRIORITY INFO.: US 2000-60/241,994 20001020
US 2001-60/296,764 20010608

L4 ANSWER 3 OF 9 PCTFULL COPYRIGHT 2003 Univentio
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
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**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

ACCESSION NUMBER: 2001057278 PCTFULL ED 20020827
TITLE (ENGLISH): HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN HELA CELLS OR OTHER HUMAN CERVICAL EPITHELIAL CELLS
TITLE (FRENCH): SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES HELA HUMAINES OU D'AUTRES CELLULES EPITHELIALES HUMAINES DU COL DE L'UTERUS
INVENTOR(S): PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PATENT ASSIGNEE(S): MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001057278	A2	20010809

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:	WO 2001-US670	A	20010130
PRIORITY INFO.:	US 2000-60/180,312		20000204
	US 2000-60/207,456		20000526
	US 2000-09/608,408		20000630
	US 2000-09/632,366		20000803
	US 2000-60/234,687		20000921
	US 2000-60/236,359		20000927
	GB 2000-0024263.6		20001004

L4 ANSWER 4 OF 9 PCTFULL COPYRIGHT 2003 Univentio
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
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**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
**** DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
ACCESSION NUMBER: 2001057277 PCTFULL ED 20020827
TITLE (ENGLISH): HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN FETAL LIVER
TITLE (FRENCH): SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS LE FOIE FOETAL HUMAIN
INVENTOR(S): PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PATENT ASSIGNEE(S): MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

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                        WO 2001057277         A2 20010809
DESIGNATED STATES
      W:                AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
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                        MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
                        TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
                        SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
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                        CG CI CM GA GN GW ML MR NE SN TD TG
APPLICATION INFO.:      WO 2001-US669         A  20010130
PRIORITY INFO.:         US 2000-60/180,312       20000204
                        US 2000-60/207,456       20000526
                        US 2000-09/608,408       20000630
                        US 2000-09/632,366       20000803
                        US 2000-60/234,687       20000921
                        US 2000-60/236,359       20000927
                        GB 2000-0024263.6        20001004

L4     ANSWER 5 OF 9      PCTFULL   COPYRIGHT 2003 Univentio
****   DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
****   DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
****   DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
****   DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
****   DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
ACCESSION NUMBER:       2001057274 PCTFULL  ED 20020827
TITLE (ENGLISH):        HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES
                        USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN HEART
TITLE (FRENCH):         SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU
                        GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE
                        DANS LE COEUR HUMAIN
INVENTOR(S):            PENN, Sharron, G.;
                        HANZEL, David, K.;
                        CHEN, Wensheng;
                        RANK, David, R.
PATENT ASSIGNEE(S):     AEOMICA, INC.;
                        PENN, Sharron, G.;
                        HANZEL, David, K.;
                        CHEN, Wensheng;
                        RANK, David, R.
DOCUMENT TYPE:          Patent
PATENT INFORMATION:
                        NUMBER                KIND     DATE
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                        WO 2001057274         A2 20010809
DESIGNATED STATES
      W:                AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
                        CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
                        IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
                        MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
                        TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
                        SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
                        DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
                        CG CI CM GA GN GW ML MR NE SN TD TG
APPLICATION INFO.:      WO 2001-US666         A  20010130
PRIORITY INFO.:         US 2000-60/180,312       20000204
                        US 2000-60/207,456       20000526
                        US 2000-09/608,408       20000630
                        US 2000-09/632,366       20000803
                        US 2000-60/234,687       20000921
                        US 2000-60/236,359       20000927
                        GB 2000-0024263.6        20001004

L4     ANSWER 6 OF 9      PCTFULL   COPYRIGHT 2003 Univentio
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ACCESSION NUMBER:       2001057273 PCTFULL  ED 20020827
TITLE (ENGLISH):        HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES
                        USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN ADULT
                        LIVER
TITLE (FRENCH):         SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU
                        GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE
                        DANS LE FOIE ADULTE HUMAIN
INVENTOR(S):            PENN, Sharron, G.;
                        HANZEL, David, K.;
                        CHEN, Wensheng;
                        RANK, David, R.
PATENT ASSIGNEE(S):     AEOMICA, INC.;
                        PENN, Sharron, G.;
                        HANZEL, David, K.;
                        CHEN, Wensheng;
                        RANK, David, R.
DOCUMENT TYPE:          Patent
PATENT INFORMATION:

                        NUMBER             KIND     DATE
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                        WO 2001057273        A2 20010809
DESIGNATED STATES
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                        CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
                        IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
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                        SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
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                        CG CI CM GA GN GW ML MR NE SN TD TG
APPLICATION INFO.:      WO 2001-US664        A  20010130
PRIORITY INFO.:         US 2000-60/180,312      20000204
                        US 2000-60/207,456      20000526
                        US 2000-09/608,408      20000630
                        US 2000-09/632,366      20000803
                        US 2000-60/234,687      20000921
                        US 2000-60/236,359      20000927
                        GB 2000-0024263.6       20001004

L4      ANSWER 7 OF 9      PCTFULL   COPYRIGHT 2003 Univentio
****    DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
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****    DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
****    DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
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****    DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER
ACCESSION NUMBER:       2001057272 PCTFULL  ED 20020827
TITLE (ENGLISH):        HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES
                        USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN
                        PLACENTA
TITLE (FRENCH):         SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU
                        GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE
                        DANS LE PLACENTA HUMAIN
INVENTOR(S):            PENN, Sharron, G.;
                        HANZEL, David, K.;
                        CHEN, Wensheng;
                        RANK, David, R.
```

PATENT ASSIGNEE(S): MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001057272	A2	20010809

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:	WO 2001-US663	A	20010130
PRIORITY INFO.:	US 2000-60/180,312		20000204
	US 2000-60/207,456		20000526
	US 2000-09/608,408		20000630
	US 2000-09/632,366		20000803
	US 2000-60/234,687		20000921
	US 2000-60/236,359		20000927
	GB 2000-0024263.6		20001004

L4 ANSWER 8 OF 9 PCTFULL COPYRIGHT 2003 Univentio

DETD . . . monooxygenation
of polycyclic aromatic hydrocarbons to phenolic products and epoxides that may be carcinogenic. AHH is also involvedlin the conversion of estrogen to hydroxylated **conjugated** estrogens such as 2-hydroxyestradiol.
. . .
carcinogens and cytotoxic drugs (for example, benzo(a)pyrene, monohalomethanes such as methyl chloride, ethylene oxide, pesticides, and solvents used in industry) by catalyzing the **conjugation** of a glutathione moiety to the substrate. Allelic variation in the glutathione-S-30 transferase genes may contribute to variation in populations as to. . .
. . .
in Haugland, Handbook of Fluorescent Probes and Research Chemicals, 7th ed., Molecular Probes Inc., Eugene, OR (2000), or fluorescence resonance energy transfer tandem **conjugates** thereof; labels suitable for chemiluminescent and/or enhanced chemiluminescent detection; labels suitable for 71
ESR and NMR detection; and labels that include one member of a. . .

Any such recombinantly-expressed or synthesized peptide of at least 8, and preferably at least about 15, amino acids, 35 can be **conjugated** to a carrier protein and used to generate 74
9L
-UOIBGa BUTPOO SP P@TTPD GouGnbas oTwougS gz
JO %8-0 TqqTM 'UOT-6Ga BUTPOD GATqpqnd qsPGT. . .

1480 5607 1,1793 0.99 4.OE-58 4503648 INT (179) mRNA
2541 7644 12894 1.03 4.OE-58 AF265555.1 NT Homo sapiens ubiquitin-**conjugating** BIR-domain enzyrm

2596 7697 12950 2.03 4.OE-58 U362511.1 NT Human beta-prime-adaptin
(BAM22) gene, excn 3
3306 8453 13615 1 4.OE-58 D16470.1 NT. . .
. .
7307 12557 4.18 6.OE-89 4505124 NT Homo sapiens serine(threanine-protein
kinase PRP4 homok
2411 7517 12766 3.33 6.OE-89 4507788 NT Homo sapiens ubiquitin-
conjugating enzyme E21- 3 (UBE2L.
. .
11430193 NT Homo sapiens solute carder family 4, anion exchanger, mern
1802 7372 12140 1.36 3 91 AF265555.1 NT Homo sapiens ubiquitin-
conjugating BIR-domain enzyme AP
3321 8468 13631 1.48 3.OE-91 AL163283.2 NT Homo sapiens chromosome 21
segment HS21 C083
3444 8586 13748 2.96 3.OE-91. . .
. .
2.03 5.OE-99 AF009660.1 NT Homo sapiens T cell receptor beta locus,
T@@RFBWS3T-2to
4694 9810 14957 1.06 5.OE-99 AF265655.1 NT Homo sapiens ubiquffln-
conjugating BIR-Fam' in Wenzym@aAF
4694 9810 14958 1.06 5.OE-99 AF265555.1 NT Homo sapiens ubiquitin-
conjugating BIR-Tam@ainenzym@qAF
xp09e06.x1 NCI OGAP HN9 Homo sapiens cDNA clone IN
1243 6374 26.56 2.OE-99 AW274792.1 EST-HUMAN LIGHT CHAIN ALKALI,
NON-MUSCLE ISOFORM (HUMAI
3242. . .
. .
Hit Dec
NO: NO: ID NO: Signal BLAST E No. Source
Value
1552 6581 11868 5.69 O.OE+00 4505404 NT Homo sapiens transmembrane
glycoprotein (**GPNMB**) mF
1552 6581 11869 5.69, 0.0E+001 4505404 NT Homo sapiens transmembrane
glycoprotein (**GPNMB**) mF
1553 6682 11870 273 0,0E+00 7662405 NT Homo sapiens KIAA0957 protein
(KIAA0957), mRNA
1554 6683 7.14 O.OE+00 7656972 NT Homo sapiens. . .

ACCESSION NUMBER: 2001057271 PCTFULL ED 20020827

TITLE (ENGLISH): HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN BREAST AND BT 474 CELLS

TITLE (FRENCH): SNDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES BT 474

INVENTOR(S): PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.

PATENT ASSIGNEE(S): AEROMICA, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001057271	A2	20010809

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY

DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US662 A 20010130
PRIORITY INFO.: US 2000-60/180,312 20000204
US 2000-60/207,456 20000526
US 2000-09/608,408 20000630
US 2000-09/632,366 20000803
US 2000-60/234,687 20000921
US 2000-60/236,359 20000927
GB 2000-0024263.6 20001004

L4 ANSWER 9 OF 9 PCTFULL COPYRIGHT 2003 Univentio

DETD . . . 7130 12247 1.98 6.OE-89 4506124 NT Homo apiens
serineithreonine-protein kinase PRP4 homok
2366 7340 12456 5.05 6.OE-89 4507788 NT Homo sapiens ubiquifin-
conjugating enzyme E21- 3 (UBE2L
2366 7340 12457 5.05, 6.OE-89 4507788 NT Homo sapiens ubiquitin-
conjugating enzyme E2L 3 (UBE2L
Page 146 of 209
Table 4
Single Exon Probes Expressed in HBL100 Cells
Probe Exon Most Similar Top Hit
SEQ ID. . .
. . .
3.OE-91 11430193 NT Homo sapiens solute carrier family 4, anion
exchanger, membet
1754 7701 118301 1.4 3.OE-91 AF265555.1 NT Homo sapiens ubiquifin-
conjugating BIR-domain enzyme APOL
3265, 8278 133011 1.55 3.0E-91 AL163283.2 NT Homo sapiens chromosome 21
segment HS21 C083
3380 8388 134101 3.62 3.OE-91. . .
. . .
11560i 2.02 O.OE+00 4505404 NT Homo sapiens transmembrane glycoprotein
(GVN`MB)mRRTA
1506 6504 115611 2.02 O.OE+00 4505404 NT Homo sapiens transmembrane
glycoprotein (**GPNMB**) mRNA
1507, 6605 11562 2.55 O.OE+00 7662405 NT Homo sapiens KIAA0957 protein
(KIAA0957), mRNA
1508 6506 7.44 O.OE+00 7656972 NT Homo sapiens. . .

ACCESSION NUMBER: 2001057270 PCTFULL ED 20020827
TITLE (ENGLISH): HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR ANALYSIS OF GENE EXPRESSION IN HUMAN BREAST AND HBL 100 CELLS
TITLE (FRENCH): SONDES D'ACIDE NUCLEIQUE A UN SEUL EXON DERIVEES DU GENOME HUMAIN UTILES POUR ANALYSER L'EXPRESSION GENIQUE DANS DES CELLULES HBL 100
INVENTOR(S): PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
PATENT ASSIGNEE(S): MOLECULAR DYNAMICS, INC.;
PENN, Sharron, G.;
HANZEL, David, K.;
CHEN, Wensheng;
RANK, David, R.
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001057270	A2	20010809

DESIGNATED STATES
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

```
                        MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
                        TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
                        SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
                        DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
                        CG CI CM GA GN GW ML MR NE SN TD TG
APPLICATION INFO.:      WO 2001-US661         A  20010129
PRIORITY INFO.:         US 2000-60/180,312       20000204
                        US 2000-60/207,456       20000526
                        US 2000-09/608,408       20000630
                        US 2000-09/632,366       20000803
                        US 2000-60/234,687       20000921
                        US 2000-60/236,359       20000927
                        GB 2000-0024263.6        20001004


=> d his

     (FILE 'HOME' ENTERED AT 16:21:39 ON 13 MAR 2003)

     FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, SCISEARCH, CAPLUS, EMBASE,
     USPATFULL, PCTFULL' ENTERED AT 16:22:36 ON 13 MAR 2003
L1             24 S GPNMB
L2             16 DUP REM L1 (8 DUPLICATES REMOVED)
L3         735167 S L2 AND CONJUGATE OR FUSION
L4              9 S L2 AND CONJUGAT?

=> s glycoprotein (a) NMB
L5              7 GLYCOPROTEIN (A) NMB

=> dup rem l5
PROCESSING COMPLETED FOR L5
L6              3 DUP REM L5 (4 DUPLICATES REMOVED)

=> d 1-3

L6   ANSWER 1 OF 3  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN   2003:126747  BIOSIS
DN   PREV200300126747
TI   Gene expression profile in progression of bladder cancer revealed by cDNA
     microarray analysis.
AU   Kim, J. H. (1); Tuziak, T. (1); Whang, Z. (1); Gold, D. L. (1); Hu, L.
     (1); Baggerly, K. (1); Zhang, W. (1); Czerniak, B. (1)
CS   (1) University of Texas, MD Anderson Cancer Center, Houston, TX, USA USA
SO   Modern Pathology, (January 2003, 2003) Vol. 16, No. 1, pp. 157A. print.
     Meeting Info.: 92nd Annual Meeting of the United States and Canadian
     Academy of Pathology Washington, D.C., USA March 22-28, 2003
     ISSN: 0893-3952.
DT   Conference
LA   English

L6   ANSWER 2 OF 3     MEDLINE                                DUPLICATE 1
AN   2002421326      MEDLINE
DN   22165598    PubMed ID: 12176896
TI   Identification of the genes differentially expressed in human dendritic
     cell subsets by cDNA subtraction and microarray analysis.
AU   Ahn Jung Hoon; Lee Yoon; Jeon ChoonJu; Lee Sang-Jin; Lee Byung-Hak; Choi
     Kang Duk; Bae Yong-Soo
CS   Creagene Research Institute, Creagene, Tanbang-dong, Seo-gu, South Korea.
SO   BLOOD, (2002 Sep 1) 100 (5) 1742-54.
     Journal code: 7603509. ISSN: 0006-4971.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Abridged Index Medicus Journals; Priority Journals
EM   200209
```

ED Entered STN: 20020815
Last Updated on STN: 20020914
Entered Medline: 20020913

L6 ANSWER 3 OF 3 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:394668 BIOSIS
DN PREV200200394668
TI Increased expression of **glycoprotein nmb** (gpnmb) in human malignant gliomas: A novel target in immune-based therapy.
AU Wakiya, Kenji (1); Kuan, Chien-Tsun (1); Riggins, Gregory J. (1); Stenzel, Timothy T. (1); Wikstrand, Carol J. (1); Bigner, Darell D. (1)
CS (1) Duke University Medical Center, Durham, NC USA
SO Proceedings of the American Association for Cancer Research Annual Meeting, (March, 2002) Vol. 43, pp. 277. print.
Meeting Info.: 93rd Annual Meeting of the American Association for Cancer Research San Francisco, California, USA April 06-10, 2002
ISSN: 0197-016X.
DT Conference
LA English

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	65.42	65.84

STN INTERNATIONAL LOGOFF AT 16:43:12 ON 13 MAR 2003